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Introduction and Table of Contents

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Perspectives



S u m m e r 2 0 1 2

Message from President Kirk Schulz and Vice President for Research Ron Trewyn



The Biosecurity Research Institute is already serving on the front line to protect the world's food supply.

Scientists from throughout the United States and around the world come to the institute to pursue research projects that require a high level of biocontainment and to collaborate with Kansas State University scientists, who are among the nation's best in their fields. Others come for training to permit them to work in biosafety level-3 and BSL-3 Ag facilities.

Here, scientists have the opportunity to conduct research on a myriad of plant and animal diseases and food safety pathogens. Researchers have a unique advantage for multidisciplinary research, training and educational activities, with capabilities unmatched anywhere else. There also are opportunities for selected Kansas State students to work on research projects in the facility.

The institute has the additional potential to help train personnel who will work at the National Bio and Agro-Defense Facility, which is currently being built on the Kansas State campus.

The Biosecurity Research Institute has been a magnet for research partners. The U.S. Department of Agriculture moved ABADRU, the Arthropod-Borne Animal Diseases Research Unit, from Laramie, Wyo., to Manhattan, Kan., in 2010 in part so government researchers could conduct studies at the Biosecurity Research Institute. Researchers at ABADRU study livestock diseases to ensure safe agriculture products and to help sustain the agricultural economy. The move confirmed Manhattan, Kan., as the international center for food safety and animal health research.

Also in 2010, the U.S. Department of Homeland Security established CEEZAD, the Center of Excellence for Emerging and Zoonotic Animal Diseases, at Kansas State University. CEEZAD works to develop and validate vaccines to create innovative devices to detect and diagnose threatening diseases and help implement systems to curtail human and animal disease threats.



Major breakthroughs in swine disease research conducted in the Biosecurity Research Institute have underscored the institute's relevance in infectious disease research both today and in the future. Researchers are developing the tools needed to detect high-consequence agents that would damage the agricultural economy.

Kansas State University is a national leader in emerging animal and zoonotic disease research, and the Biosecurity Research Institute is a vital part of this effort. It is a key component in reaching our goal to become a Top 50 Public Research University by 2025.

A handwritten signature in black ink, appearing to read "Kirk Schulz".

A handwritten signature in black ink, appearing to read "Ron Trewyn".

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Kansas State University is leading the battle against infectious diseases

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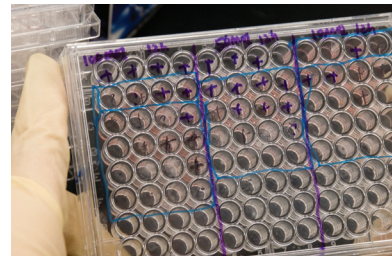
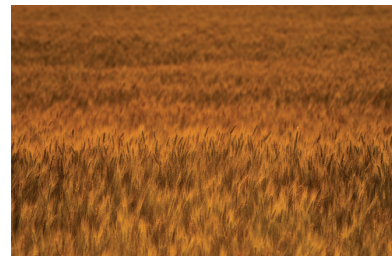
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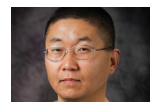
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